AMENDMENTS TO THE CLAIMS

Following is a complete and revised listing of the claims, marked with status identifiers in parentheses, underlines indicating insertions, and strikethroughs or double-brackets indicating deletions. This listing is to replace all prior listings of the claims.

1. **(Currently Amended)** A procedure for the control of a respirator device, in which one can set at least two different pressure levels for a breathable gas supply, comprising: ~~and in which~~

capturing at least three ~~treatment~~parameter ~~is captured~~ parameters by measurement technique ~~and is evaluated~~ ; and

evaluating the at least three parameters ~~the treatment; characterized in that~~ , wherein at least three of the ~~treatment~~parameters ~~is~~ are modified as a function of a pattern recognition ~~;~~ and wherein, in order to carry out the pattern recognition, ~~the~~a time-wise evolution of a pattern of at least three parameters is captured, at least at intervals, and is analyzed with respect to typical evolution patterns, and wherein the respirator device is controlled in an adaptive manner such that time-wise evolution of the at least three parameters maintain, at most, a predefined maximum difference from the typical evolution patterns, ~~and~~ wherein the at least three parameters include respiratory pressure, respiratory flow, and respiratory impedance, and ~~characterized in that~~ wherein a CPAP respirator treatment is carried out.

2. **(Previously Presented)** A procedure according to claim 1, ~~characterized in that~~ wherein an existing pressure level for breathing support is overlaid, at least temporarily, with a stimulating stream oscillating at a defined frequency.

3. **(Previously Presented)** A procedure according to claim 1, ~~characterized in that~~ wherein after a selective evaluation of an oscillatory pressure amplitude, occurring with ~~the~~ a frequency of ~~the~~ a stimulating stream in the air delivery of a patient, ~~(which corresponds~~ corresponding to a breathing resistance of the patient~~)~~, a selection of the respective pressure amplitude is carried out.

4. **(Cancelled).**

5. **(Previously Presented)** A procedure according to claim 3, ~~characterized in that~~ wherein at least one electrical signal is evaluated during the pattern recognition.

6. **(Previously Presented)** A procedure according to claim 1, ~~characterized in that~~ wherein a physical signal is evaluated during the pattern recognition.

7. **(Previously Presented)** A procedure according to claim 3, ~~characterized in that~~ wherein a derivation of classes of errors is implemented in ~~the~~ a context of the pattern recognition.

8. **(Previously Presented)** A procedure according to claim 1, ~~characterized in that~~ wherein an OPS signal (Oscillating Pressure Signal) is evaluated.

9. **(Previously Presented)** A procedure according to claim 1, ~~characterized in that~~ wherein a static pressure signal is evaluated.

10. **(Previously Presented)** A procedure according to claim 1, ~~characterized in that~~ wherein a pressure variation is evaluated.

11. **(Previously Presented)** A procedure according to claim 1, ~~characterized in that~~ wherein a flow signal is evaluated.

12. **(Previously Presented)** A procedure according to claim 1, ~~characterized in that~~ wherein a signal proportional to at least one of the flow signal and~~/or to~~ a pressure-dependent signal is evaluated.

13. **(Previously Presented)** A procedure according to claim 1, wherein an electrical-drive parameter of the compressed-gas supply is evaluated.

14. **(Previously Presented)** A procedure according to claim 1, ~~characterized in that~~ wherein, in the pattern recognition, distinctive form features are evaluated.

15. **(Previously Presented)** A procedure according to claim 1, ~~characterized in that~~ wherein, in the pattern recognition, distinctive time features are evaluated.

16. **(Previously Presented)** A procedure according to claim 1, ~~characterized in that~~ wherein, following the pattern recognition, a class assignment is carried out.

17. **(Withdrawn-Currently Amended)** An apparatus for monitoring at least three parameters in the breathing-gas supply to a patient, ~~featuring~~ comprising:

at least ~~one~~ two ~~sensor~~ sensors for the capture of ~~the~~ time-wise evolution of the respirator-~~treatment~~ parameters, which ~~sensor is~~ sensors are arranged in the area of an air delivery, which encompasses a respirator device as well as a connecting installation; ~~characterized in that~~ wherein the ~~sensor (5) is~~ sensors are connected to an analyzer ~~(11)~~ which carries out a pattern recognition and which is attached to a control ~~(6)~~ for the modification of at

least three parameters, and wherein a time-wise evolution of a pattern of at least three parameters is captured, at least at intervals, and is analyzed with respect to typical evolution patterns, and wherein the respirator device is controlled in an adaptive manner such that time-wise evolution of the at least three parameters maintain, at most, a predefined maximum difference from the typical evolution patterns, ~~and~~ wherein the at least three parameters include respiratory pressure, respiratory flow, and respiratory impedance, and ~~characterized in that~~ wherein the analyzer ~~(11)~~ for pattern recognition is designed as part of a respirator device for the implementation of CPAP respirator treatment.

18.-34. **(Cancelled)**.